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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	
Filing Date	
First Named Inventor	YOUNG WUK KWON
Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet 1 of 3**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2,920,480	01-12-60	T. HAAS	COL 2: 3-6/15-19/51-55
		US-			COL 3: 3-13/22-27
		US-			COL 6: 31-33
		US-			CLAIM 1
		US- 3,088,083	04-30-63	HE. WARD	COL 1: 15-44
		US- 3,136,154	06-09-64	R.H. CHRISTENSEN	COL 1: 42-46, 65-70
		US-			COL 2: 14-18, 53-59
		US-			CLAIM 12-1
		US- 3,272,003	09-13-66	D.R. HARTING	COL 1: 36-53; CLAIM 1
		US- 3,572,091	03-23-71	K.H. MCFARLAND	COL 1: 37-43, 52-60
		US-			COL 2: 9-12, 59-60
		US- 3,780,817	12-25-73	VIDEON	ABSTRACT
		US- 3,782,178	01-01-74	THOMAS	FIG. 2; COL 1: 22-29
		US-			COL 2: 5, 26-32
		US- 3,786,679	01-22-74	CRITES	ABSTRACT; FIG 4
		US-			COL 1: 7-9, 23-27, 49-66
		US-			COL 2: 12-24
		US-			COL 4: 53-59
		US-			COL 5: 14-18, 49-53

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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		US- 3,979,949	09-14-76 ¹⁹	SMITH	COL 1: 6-9, 22-26, 35-38
		US-			COL 2: 52-55, 63-64
		US-			COL 3: 9-13, COL 4: 31-34
		US-			COL 5: 18-21, 34-45
		US-			CLAIM 5
		US- 4,081,993	04-04-78 ¹⁹	LEONHARDT ET AL	ABSTRACT; COL 1: 6-15
		US-			COL 2: 55-62; COL 6: 18-31
		US- 4,107,980	08-22-78 ¹⁹	CRANE ET AL	ABSTRACT
		US- 4,409,841	10-18-83	ARCHER	ABSTRACT; COL 1: 13-42
		US-			COL 4: 34-50
		US- 4,580,520	04-08-86 ¹⁹	ARCHER	ABSTRACT; COL 1: 40-47
		US- 4,639,997	02-03-87 ¹⁹	BULL	ABSTRACT; COL 2: 52-62
		US-			COL 3: 4-11; CLAIM 1
		US- 5,237,875	08-24-93 ¹⁹	DE LA VEAUX	ABSTRACT; FIGS 1-3;
		US-			COL 1: 8-10, 24-28;
		US-			COL 2: 29-32; CLAIM 1
		US- 5,319,982	06-14-94 ¹⁹	CREAGER	ABSTRACT; FIGS 1, 3, 8
		US-			COL 2: 9-25, 49-54
		US-			CLAIMS 1, 9.

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		Number-Kind Code ² (if known)			
		US- 5,425,274	06-20-1995	CRAEGER	ABSTRACT; CLAIMS, 12
		US- 5,520,055	05-28-1996	FÜSSINGER	COL 1: 45-63.
		US- 5,528,151	06-18-1996	PEREZ	COL 1: 48-58, COL 3: 31-38
		US- □			CLAIM 1.
		US- 5,614,680	03-25-1997	FÜSSINGER	ABSTRACT; CLAIM 1
		US- 5,816,520	10-06-1998	GRUBE	ABSTRACT; FIG. 2;
		US- 6,443,018 B1	09-03-2002	LEE ET AL	COL 3: 9-16, 37-41, 64-66
		US-			ABSTRACT; COL 2: 49-54
		US-			COL 3: 9-18
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